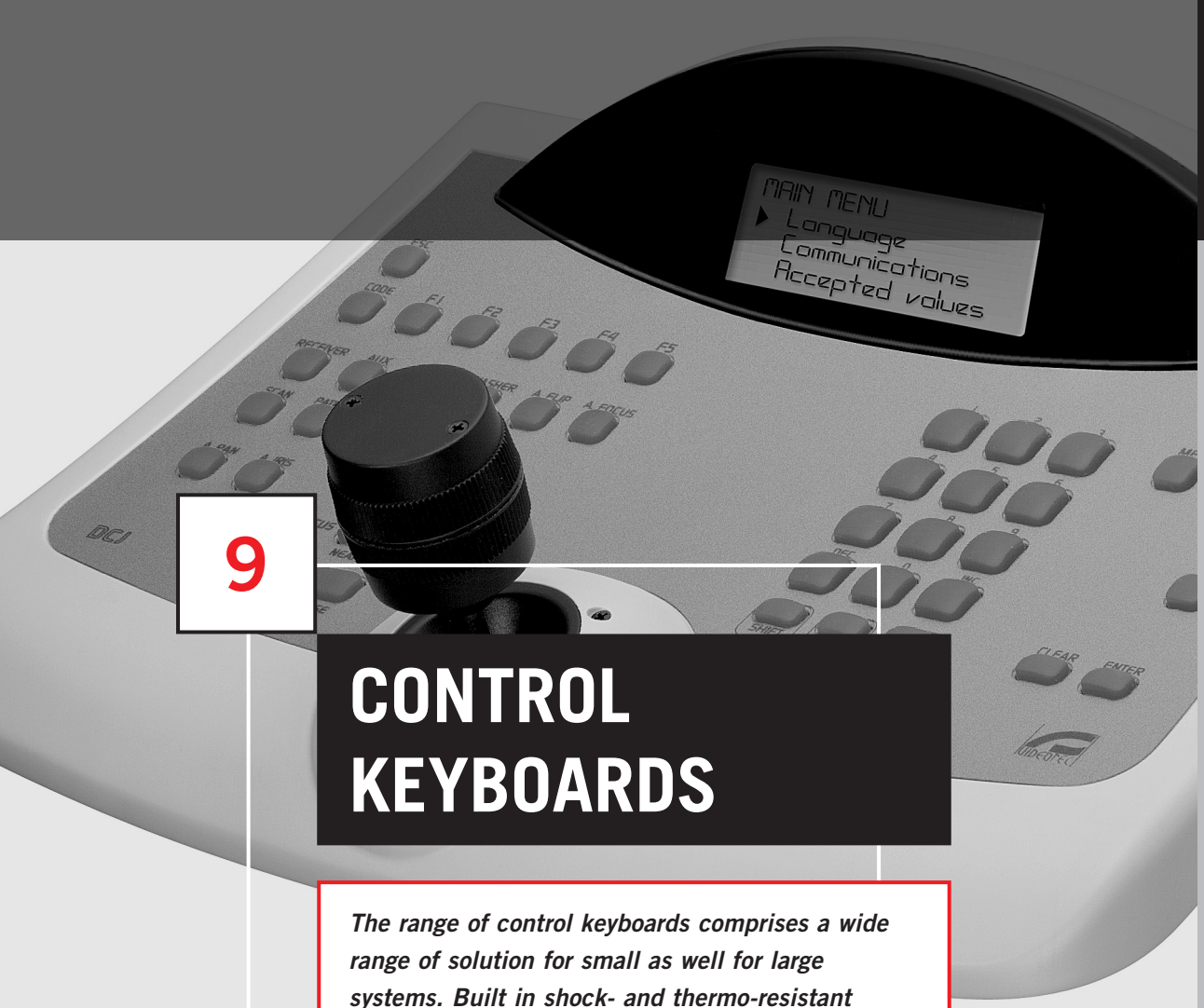
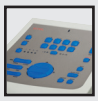


9 CONTROL KEYBOARDS

The range of control keyboards comprises a wide range of solution for small as well for large systems. Built in shock- and thermo-resistant materials, with rubber keys, the range offers the perfect solution when the right keyboard must be choosen for each operator. The range offers the possibility to control from the small matrix and telemetry up to multiplexers, matrix and interface with the most common high speed dome, in a ergonomic and pleasant design. Remotable up to 1200m (3900 ft), the serial communication towards matrix is in RS485.

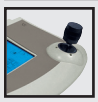
DCBD

 DCTEL

DCIR

DCJ

DCK

 DCT

CONTROL KEYBOARDS

KEYBOARDS AND RECEIVERS

	Max addressable receivers	DCTEL	DCIR	DCJ	DCT
MICRODEC485	32	16	16	32	32
DTMRX24	99	16	16	99	99
DTMRX	99	16	16	99	99
DTRX324	999	16	16	999	999
DTRX3	999	16	16	999	999
DTRXDC	99	16	16	99	99
EXDTRX324	999	16	16	999	999

PROTOCOLS

PRODUCTS	PROTOCOL / PRODUCT PART #	KEYBOARDS			MATRIX *
		DCT	DCJ	DCK	SM/A
MULTIPLEXER AND DVR:					
Multiplexer	Javelin colour model	•	•	•	•
Multiplexer	Javelin B/W model	•	•	•	•
Multiplexer	Ademco AXMD16EX, AXCD16E and AXCD16EX	•	•	•	
Multiplexer	Sanyo MPX-CD93P, MPX-CD163P	•	•	•	
Multiplexer	Sony YS-DX516P	•	•	•	
DVR	Sony HSR-X209P and HSR-X216P	•	•	•	
DVR	Ademco AHDR4, AHDR9 and AHDR16	•			
DVR	Sanyo DSR3000P, DSR3009P, DSR3016P	•			
SPEED DOME:					
Speed Dome	Pelco 'D' Dome Spectra II 3.31	•	•		
Speed Dome	Elmo D7720B-J1P	•	•		
Speed Dome	Ernitec Saturn	•	•		
Speed Dome	Hitron Fastrax II HID2404SM11P	•	•		
Speed Dome	JVC TK-C675 and JVC TK-C676	•	•		
Speed Dome	Elbex EXC8000 (Instant Dome)	•	•		
Speed Dome	Panasonic WV-CS600	•	•		
Speed Dome	Panasonic WV-CS850	•	•		
Speed Dome	Samsung Electronics SCC641P and SCC643P	•	•		
Speed Dome	Santec VDC300ID	•	•		
Speed Dome	Sensormatic DeltaDome II	•	•		
Speed Dome	Star SMD	•	•		
Speed Dome	VCL VC5S-ORBM	•	•		

** Meaning control by DCT/DCJ/DCK keyboards through serial port RS485 of matrix SM series.*

Because DCK, DCJ and DCT may be interfaced with equipment not manufactured by Videotec, the possibility exists that the interface protocols have changed or are in a different configuration from earlier tested units from us. Videotec recommends a bench test prior to installation. Videotec will not be liable for any installation costs or lost revenues in the event a compatibility problem will occur.

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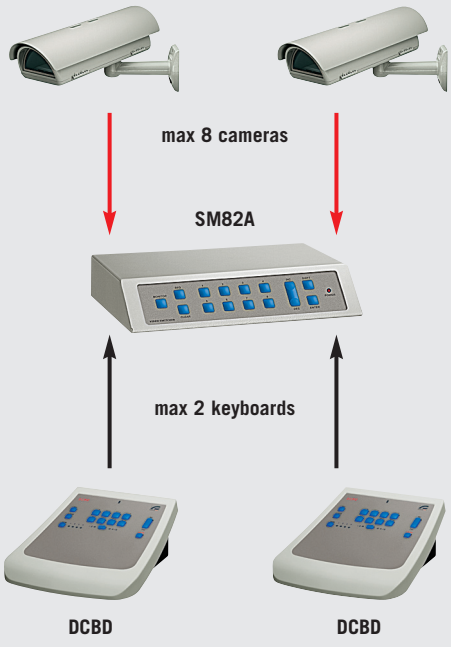
COMPANY CERTIFICATE ISO 9001:2000

TÜV NORD CERT

DCBD MATRIX CONTROL KEYBOARD

- Microprocessor controlled
- RS485 communication
- Ergonomic design



Twisted pair RS485 (max distance 1200 m)

Twisted pair RS485 (max distance 1200 m) only telemetry

Video-coax only

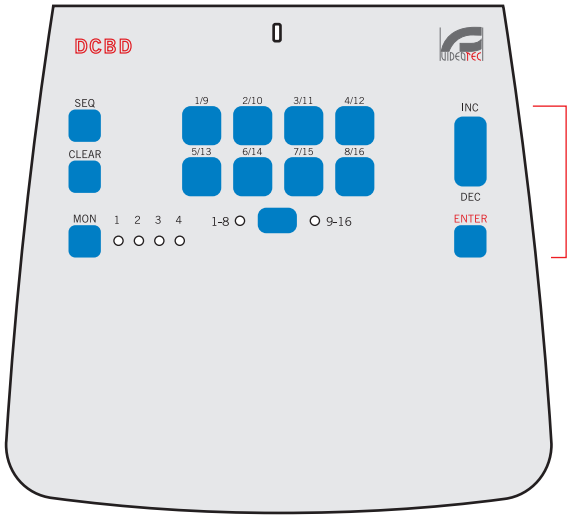
Video and telemetry coax (max distance from matrix 35 0m)

The DCBD keyboard is the solution for remote control of the SM series matrix.
This microprocessor-controlled keyboard allows you to control the video switching of SM42A-82A, SM84A-164A.
The operator can manage the following control functions: video switching, sequences and alarm reset, to matrix setup through a video menu.
The serial communication to the matrix is RS485.
The DCBD can be fed by the standard external power supply or directly by the matrix, up to a maximum of 700 m (2300 ft).

MODELS	
DCBD	Matrix control keyboard

DCBD

MATRIX CONTROL KEYBOARD



TECHNICAL DATA

GENERAL

- Control of max 16 cameras
- Alarm reset
- Supplied with: instruction manual, wide range power supply, 3 power cables, 2 telephone cables, 2 jack shunt boxes RJ jack

MECHANICAL

- Thermo resistant and shock proof ABS
- 14 rubber keys
- Dimensions: 80x190x205 mm (3.4x7.5x8 in)
- 1 connector RJ11
- Power supply jack connector
- Configuration Dip-Switch
- 4 LEDs indicating the active monitor
- 8 LEDs indicating the active camera
- 2 LEDs indicating the active camera group (cameras 1 to 8 or cameras 9 to 16)
- Power supply LED

ELECTRICAL

- Keyboard powered: 12VDC
- Power supply kit: input 100-240V 47/63Hz 15W, output 12VDC 1A
- It can be fed directly by matrix SM42A-82A, SM84A-164A up to a maximum of 700 m (2300 ft)

COMMUNICATIONS

- RS485 line for communication with matrix controllable to a maximum of 1200 m (3900 ft)
- Selection of communication rates

RELATED PRODUCTS

Matrix:

Series SM (SM42A-82A, SM84A-164A)

Retrofit on discontinued products: contact Videotec for further specifications.

ENVIRONMENT

- Indoor
- Operating temperature: 0°-45°C (32°-113°F)

COMPLIANCE TO

- CE in compliance with EN50081-1, EN50130-4, EN60950, EN55022 Class B
- FCC in compliance with Part. 15 Class B

Unit Weight (kg / lb):	*Package Weight (kg / lb):*	*Package Dimensions (cm / in):*	*Master Carton (units):*
DCBD: 0,4 / 0.9 (power supply not included)	**DCBD**: 0,75 / 1.6	**DCBD**: 24x13,5x33 / 9.4x5.3x13	**DCBD**:

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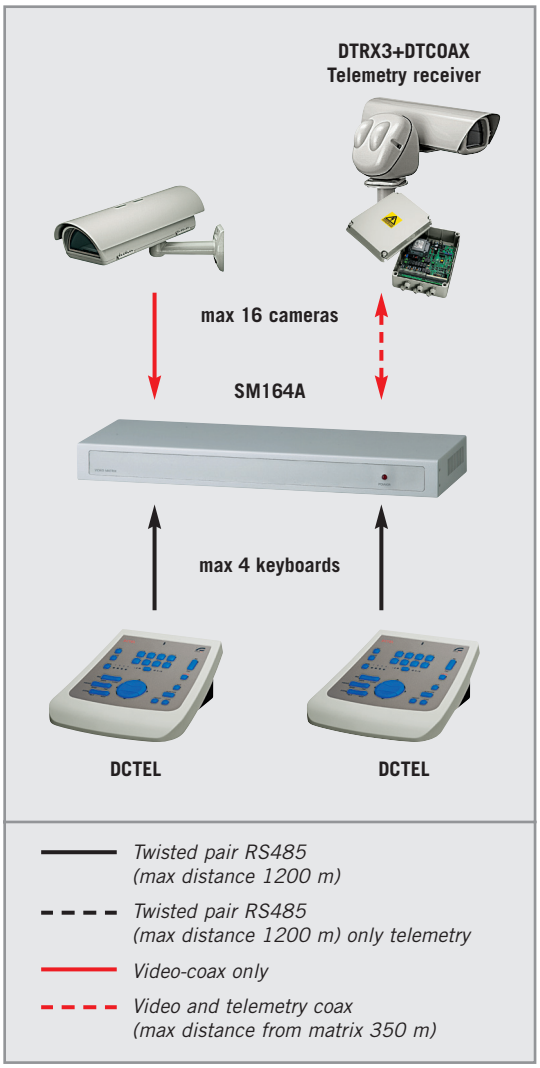
DCTEL MATRIX AND TELEMETRY CONTROL KEYBOARD

- Microprocessor controlled
- RS485 communication
- Telemetry control
- Ergonomic design

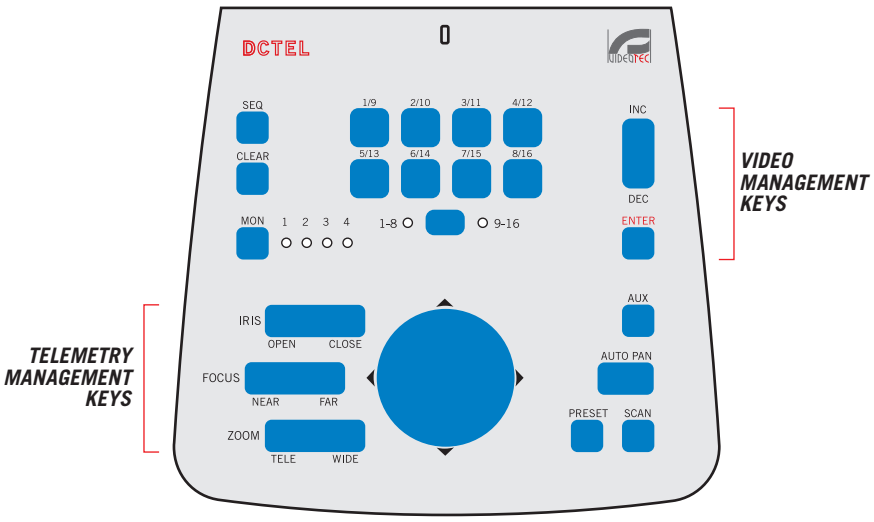
The DCTEL keyboard is the best solution for the remote control of the SM series matrix and telemetry. This microprocessor-controlled keyboard allows you to interface and control the video switching of SM42A-82A, SM84A-164A.
The operator can manage the following control functions: video switching, sequences and alarm reset, to matrix set-up through a video menu.
The DCTEL can control up to 16 digital telemetry receivers and the preset and scan functions with the DTRX3 receiver driver.
Two serial RS485 communication lines: one for the video matrix, one for the management of the telemetry.
The telemetry control can be also performed indirectly through the matrix or over the matrix RS485 dedicated serial output: autopan, preset, scan, zoom, focus e iris + Aux.
The DCTEL can be fed by the standard external power supply or directly by the matrix up to a maximum of 700 m (2300 ft).



MODELS	
DCTEL	Matrix and telemetry control keyboard

DCTEL

MATRIX AND TELEMETRY CONTROL KEYBOARD



TECHNICAL DATA

GENERAL

- 16 cameras, control of max 16 telemetry receivers
- P&T control, autopan, preset, zoom, focus, iris, Aux
- Alarm reset
- Supplied with: instruction manual, wide range power supply, 3 power cables, 4 telephone cables, 4 jack shunt boxes RJ jack

MECHANICAL

- Thermo resistant and shock proof ABS material
- 22 rubber keys
- Dimensions 80x190x205 mm (3.4x7.5x8 in)
- 2 connectors RJ11
- Power supply jack connector
- Configuration Dip-Switch
- 4 LEDs indicating the active monitor
- 8 LEDs indicating the active camera
- 2 LEDs indicating the active camera group (cameras 1 to 8 or cameras 9 to 16)
- Power supply LED

ELECTRICAL

- Keyboard powered: 12VDC
- Power supply kit: input 100-240V 47/63Hz 15W, output 12VDC 1A
- It can be fed directly by matrix SM42A-82A, SM84A-164A to a maximum of 700 m (2300 ft)

COMMUNICATIONS

- Two RS485 lines for communication:
  - one line for communication with matrix controllable to a maximum of 1200 m (3900 ft);
  - one line for telemetry control up to 16 receivers
- Selection of communication rates

RELATED PRODUCTS

Matrix:

Series SM (SM42A-82A, SM84A-164A)

Telemetry receivers:

DTRX3, DTMRX, MICRODEC485, DTRXDC (in this case the P&T is controlled with fixed speed) on dedicated telemetry line;
DTRX3+DTCOAX and control through matrix SM series

Retrofit on discontinued products: contact Videotec for further specifications.

ENVIRONMENT

- Indoor
- Operating temperature: 0°-45°C (32°-113°F)

COMPLIANCE TO

- CE in compliance with EN50081-1, EN50130-4, EN60950, EN55022 Class B
- FCC in compliance with Part. 15 Class B

Unit Weight (kg / lb):	*Package Weight (kg / lb):*	*Package Dimensions (cm / in):*	*Master Carton (units):*
DCTEL: 0,4 / 0.9 (power supply not included)	**DCTEL**: 0,8 / 1.76	**DCTEL**: 24x13,5x33 / 9.4x5.3x13	**DCTEL**:

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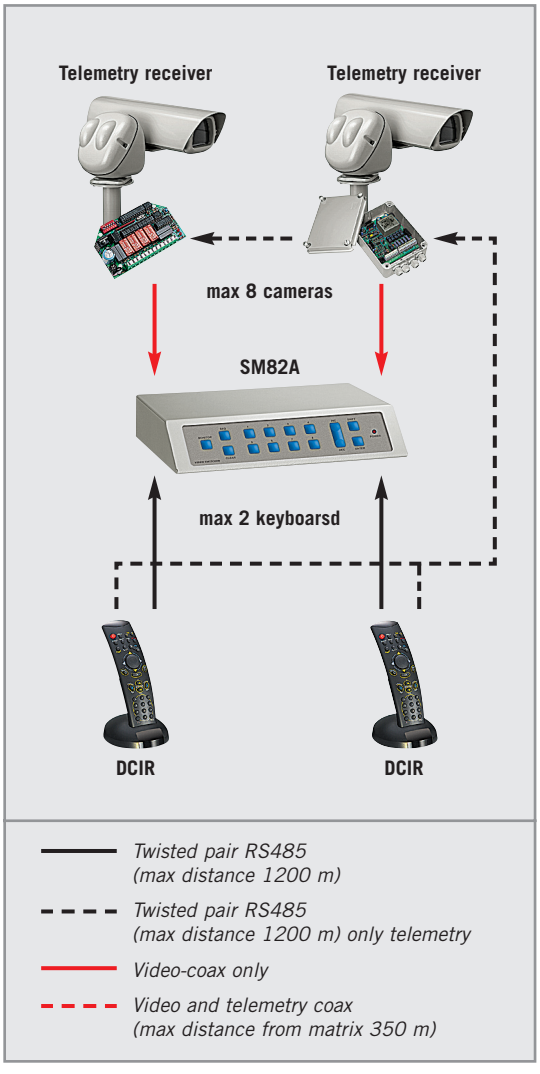
COMPANY CERTIFICATE ISO 9001:2000
TÜV NORD CERT

DCIR INFRARED REMOTE CONTROL WITH BASE UNIT

- Infrared receiver located on the base of the remote control
- Control position free of loose cables
- RS485 Communication
- Ergonomic design
- For matrix series SM42A-82A, SM84A-164A and telemetry receiver

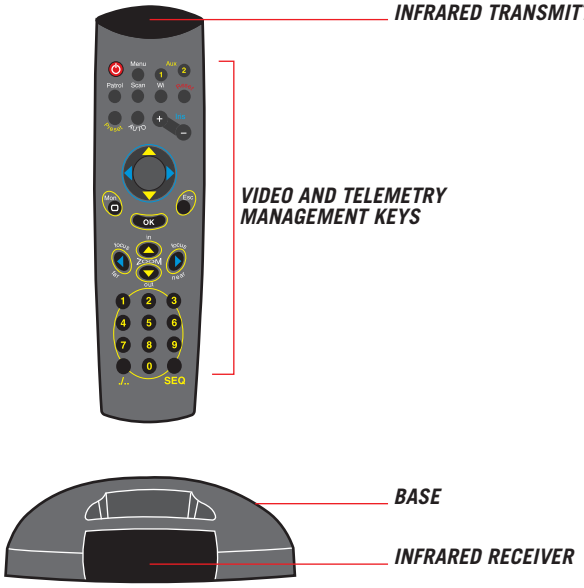
The DCIR is an infrared remote control allowing the "On Screen Menu" set-up, the monitors and cameras recall and the alarms handling for SM matrix series.
The matrix control is performed through a serial RS485 communication line while another RS485 line allows an independent management of telemetry.
The DCIR can fully control the following receiver drivers: DTMRX, MICRODEC485, DTRX3.
The remote control can manage up to 999 of the above receivers in a daisy chain scheme, to control preset, autopan, patrol and auxiliary functions, like wiper control, with the receiver-driver DTRX3.
The telemetry control can also be performed through a matrix: over the coax or the matrix RS485 serial output.
The DCIR is usually fed by the matrix, over 700 m (2300 ft) or, if the system does not include a matrix, a local power supply is necessary.
The infrared receiver is located on the base of the DCIR and remote control must be directed towards the base for the reception of the commands.



MODELS	
DCIR	Infrared remote control for matrix and telemetry

DCIR

INFRARED REMOTE CONTROL WITH BASE UNIT



TECHNICAL DATA

GENERAL

- Up to 999 video inputs (or telemetry receivers) and 99 outputs (monitors)
- P&T control, autopan, preset, patrol, scan zoom, focus, iris, Aux.
- Supplied with: instruction manual, 1 telephone cable, 2 jack shunt boxes RJ jack

MECHANICAL

- ABS shock-proof plastic material
- Rubber keys
- Remote control mounted on its base, dimensions: 102x130x180 mm (4x5x7 in)
- 1 connector RJ11

ELECTRICAL

- The base can be fed directly by matrix SM42A-82A, SM84A-164A up to a maximum of 700 m (2300 ft)
- Remote control powered by two LR03 1.5V AAA batteries, (not supplied)
- Ability to power the receiving base by means of an external 12V ⎓ power supply (not supplied)

COMMUNICATIONS

- Two RS485 lines for communication:
  - one line for communication with matrix which can be controlled to a maximum of 1200 m (3900 ft);
  - one line for telemetry control up to 999 receivers
- Selection of communication rates (38400, 19200, 9600 o 1200 baud), both video and telemetry

RELATED PRODUCTS

Matrix:

Series SM (SM42A-82A, SM84A-164A)

Telemetry receivers:

DTRX3, DTMRX, MICRODEC485,
DTRXDC (fixed speed P&T control) on dedicated telemetry line;
DTRX3+DTCOAX, control through matrix SM series

Retrofit on discontinued products: contact Videotec for further specifications.

ENVIRONMENT

- Indoor
- Operating temperature: 0°-45°C (32°-113°F)

COMPLIANCE TO:

- CE in compliance with EN50081-1, EN50130-4, EN60065

Unit Weight (kg / lb):	*Package Weight (kg / lb):*	*Package Dimensions (cm / in):*	*Master Carton (units):*
DCIR: 0,45 / 1	**DCIR**: 0,7 / 1.5	**DCIR**: 25x6,5x25 / 9.8x2.55x9.8	**DCIR**:

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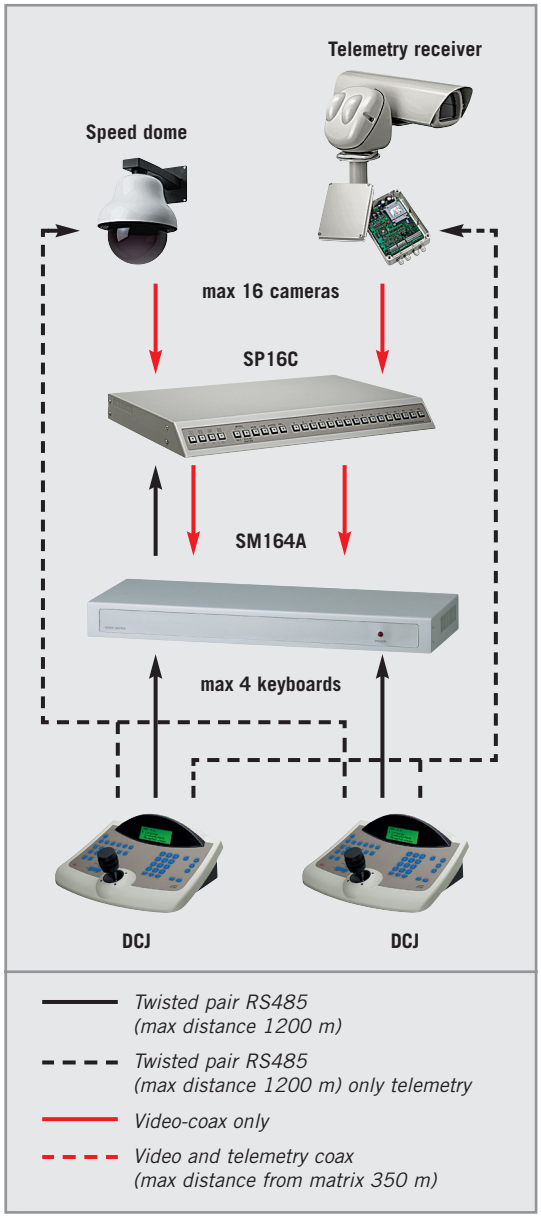
DCJ VIDEO AND TELEMETRY CONTROL KEYBOARD



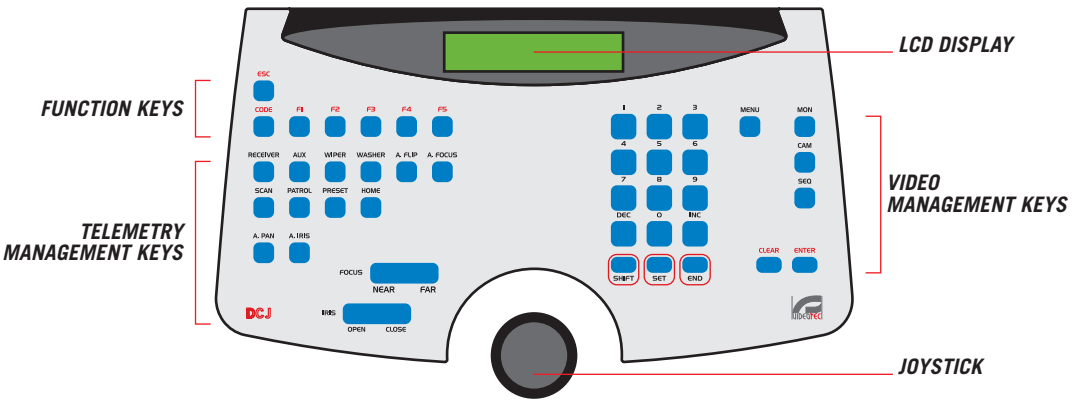
- **Microprocessor controlled**
- **LCD display back-lit**
- **3 RS485 communication channels**
- **Telemetry controlled by joystick**
- **Ergonomic design**
- **Direct control of many Speed Dome**

The DCJ represents the top as far as performance and ergonomic design are concerned.
The DCJ, microprocessor controlled, allows you to interface and control SM42A-82A, SM84A-164A and SW328 matrix, and the multiplexer SP16C.
The operator can set up, through the video menu, the SM42A-82A and SM84A-164A matrix and it is possible to control the main functions of the SW328 matrix.
An LCD display assists the operator during all the control functions.
Furthermore, the DCJ allows you to control up to 999 telemetry receivers, the preset and patrol functions together with the DTRX3 or DTRXDC receivers. The three axis joystick allows a simple manual control and gives the ability to drive variable speed Pan & Tilt, and further to the most common high speed domes.and can be used also for the menu set-up.
Three serial RS485 communication lines are available: one for a video matrix and multiplexer and two used for the management of independent telemetry lines.
A RS232 serial connection allows the firmware update from a PC.

MODELS	
DCJ	Matrix, telemetry and multiplexer control keyboard

DCJ

VIDEO AND TELEMETRY CONTROL KEYBOARD



TECHNICAL DATA

GENERAL

- Joystick for Pan/Tilt/Zoom control and moving the cursor within the menus
- Display back-lit by LED with contrast set up by software
- Ergonomic keys configuration
- Menu in 4 languages (Italian, English, French and German)
- Three password levels: connection, set-up, alarm reset
- Macro-functions keys (max 10): monitor selection, camera selection, selection of receiver associated to the camera, previously stored P&T scan position
- 9999 cameras, 999 telemetry receivers, 99 monitors
- Alarm and/or break-ins communication buzzer
- Various accessory functions like keys enabling/disabling, energy saving, error alert, etc.
- Supplied with: instruction manual, wide range power supply, 3 power cables, 6 telephone cables, 6 jack shunt boxes RJ jack

MECHANICAL

- Thermo resistant and shock proof ABS material
- Rubber keys
- Dimensions: 298x107x210 mm (11.7x4.2x8.2 in)
- 3 axis proportional joystick, with calibration and test
- Display: 20x4
- 3 connectors RJ11
- Power supply jack connector
- DB9 connector for firmware update
- Configuration Dip-Switch

ELECTRICAL

- Keyboard power: 12VDC
- Power supply kit: input 100-240V 47/63Hz 15W, output 12VDC 1A

COMMUNICATIONS

- Three RS485 serial lines for communication:
  - one direct line with matrix and multiplexer which can be controlled to a maximum of 1200 m (3900 ft);
  - two lines for two independent telemetry daisy chains, up 999 telemetry receivers which can be controlled to a maximum of 1200 m (3900 ft)
- Serial connection RS232 to PC for firmware update, controllable to a maximum distance 15 m (49 ft)

RELATED PRODUCTS

Matrix:

Series SM (SM42A-82A, SM84A-164A);
SW328

Multiplexer:

SP16C

Telemetry receivers:

DTRXDC, DTRX3, DTMRX, MICRODEC485 on dedicated telemetry lines;
DTRX3+DTCOAX, control through matrix SM series

Retrofit on discontinued products: contact Videotec for further specifications.

INTERFACE WITH OTHER PRODUCTS

- Direct control or control through Matrix Series SM of multiplexer Javelin colour or B/W
- Direct control of multiplexers: Sony YS-DX516P, Sanyo MPX-CD93P and MPX-CD163P, Ademco AXMD16EX, AXCD16E and AXCD16EX
- Direct control of Sony DVR HSR-X209P and HSR-X216P
- Speed Dome control:
  Dome Elbex EXC8000 (Instant Dome)
  Dome Elmo D7720B
  Dome Ernitec Saturn
  Dome Hitron Fastrax II
  Dome JVC TK-C675, TK-C676
  Dome Panasonic WV-CS600 and Panasonic WV-CS850
  Dome Pelco Spectra e Spectra Lite (protocol D)
  Dome Samsung SCC641P and SCC643P
  Dome Santec
  Dome Sensormatic DeltaDome II
  Dome Star
  Dome VCL VC5S-ORBM

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Because DCJ may be interfaced with equipment not manufactured by Videotec, it is possible that the interface protocols have changed or are in a different configuration from units previously tested by us. Because Videotec recommends a bench test prior to installation, Videotec will not be liable for any installation costs or lost revenues in the event a compatibility problem will occur.

ENVIRONMENT

- Indoor
- Operating temperature: 0°-45°C (32°-113°F)

COMPLIANCE TO

- CE in compliance with EN50081-1, EN50130-4, EN60950, EN55022 Class B
- FCC in compliance with Part. 15 Class B

Unit Weight (kg / lb):	*Package Weight (kg / lb):*	*Package Dimensions (cm / in):*	*Master Carton (units):*
DCJ: 1,7 / 3.7	**DCJ**: 2,2 / 4.8	**DCJ**: 24x14,5x41 / 9.4x5.7x16	**DCJ**:

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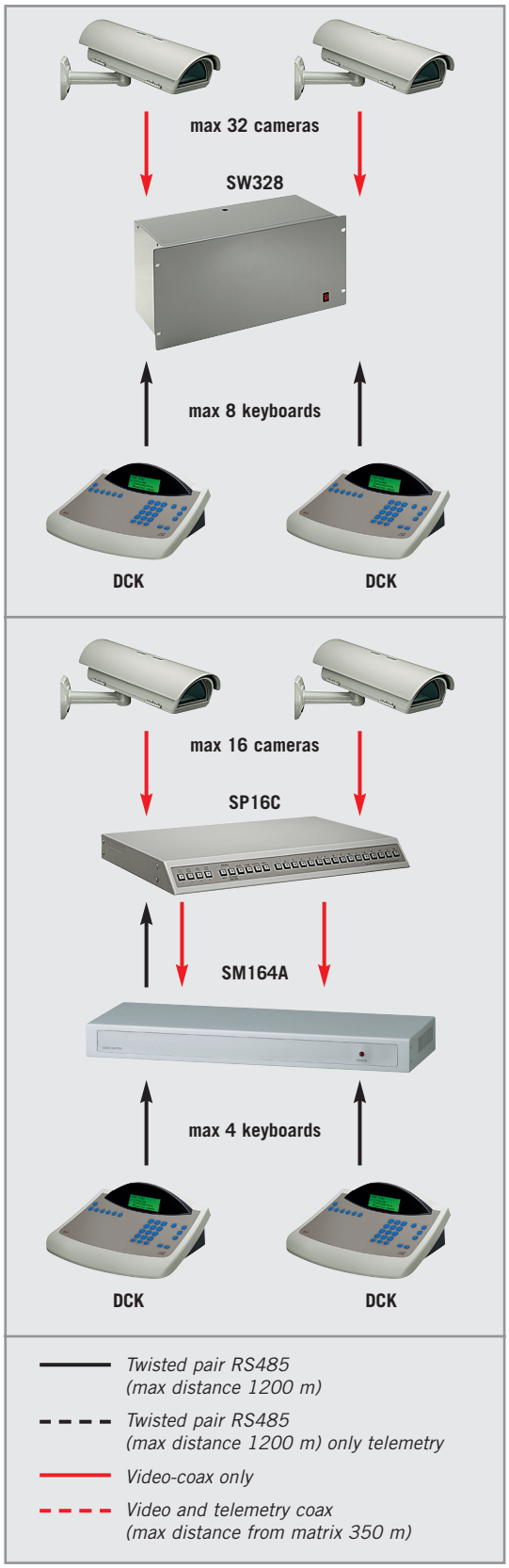
DCK VIDEO CONTROL KEYBOARD



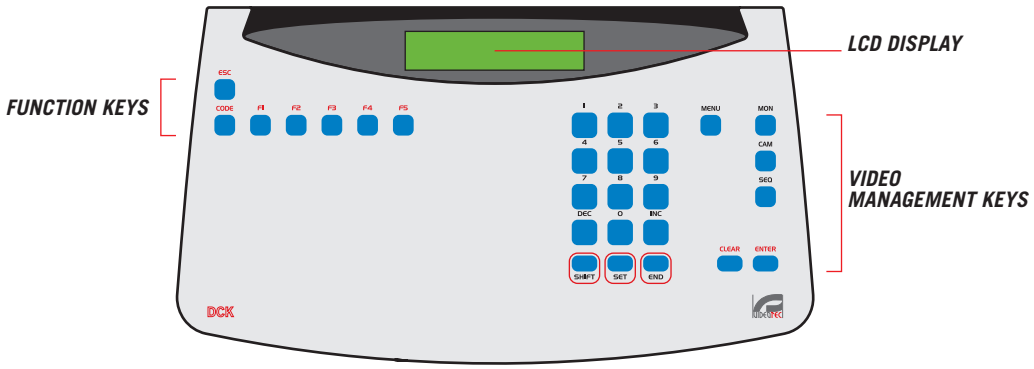
- **Microprocessor controlled**
- **LCD display back-lit**
- **1 RS485 communication channel**
- **Ergonomic design**

This microprocessor-controlled keyboard allows you to interface and control SM42A-82A, SM84A-164A and SW328 matrix, and the SP16C multiplexer.
The operator can set up, through a video menu, the SM42A-82A, SM84A-164A matrix.
It is also possible to control the main functions of the SW328 matrix: video switching, sequences and alarm reset.
A LCD display assists the operator during all the control functions.
One serial RS485 communication line for the video matrix and/or multiplexer.
A RS232 serial connection allows the firmware update from a PC.

MODELS	
DCK	Matrix and mux control keyboard

DCK

VIDEO CONTROL KEYBOARD



TECHNICAL DATA

GENERAL

- Display back lit by LED
- Ergonomic keys configuration
- Menu in 4 languages (Italian, English, French and German)
- Three password levels: connection, set-up, alarm reset
- Macro-functions keys (max 10): monitor selection, selection of camera on active monitor
- 9999 cameras, 99 monitors
- Alarm and/or break-ins communication buzzer
- Various accessory functions like keys enabling/disabling, energy saving, error alert, etc.
- Supplied with: instruction manual, wide range power supply, 3 power cables, 2 telephone cables, 2 jack shunt boxes RJ jack

MECHANICAL

- Thermo resistant and shock-proof plastic material
- Rubber keys
- Dimensions: 298x107x210 mm (11.7x4.2x8.2 in)
- Display: 20x4
- 1 connector RJ11
- Power supply jack connector
- DB9 connector
- Configuration Dip-Switch

ELECTRICAL

- Keyboard power: 12VDC
- Power supply kit: input 100-240V 47/63Hz 15W, output 12VDC 1A

COMMUNICATIONS

- One RS485 line for communication: One line for communication with matrix and multiplexer controllable to a maximum of 1200 m (3900 ft)
- Serial connection RS232 to PC for firmware update, controllable to a maximum distance 15 m (49 ft)

RELATED PRODUCTS

Matrix:

Series SM (SM42A-82A, SM84A-164A);
SW328

Multiplexer:

SP16C

Retrofit on discontinued products: contact Videotec for further specifications.

INTERFACE WITH OTHER PRODUCTS

- Direct control or control through Matrix Series SM of multiplexer Javelin colour or B/W
- Direct control of multiplexers: Sony YS-DX516P, Sanyo MPX-CD93P and MPX-CD163P, Ademco AXMD16EX, AXCD16E and AXCD16EX
- Direct control of Sony DVR HSR-X209P and HSR-X216P

Ademco, Javelin, Hitron, Sanyo and Sony are registered trademarks.

Because DCK may be interfaced with equipment not manufactured by Videotec, it is possible that the interface protocols have changed or are in a different configuration from earlier tested units from us. Because Videotec recommends a bench test prior to installation, Videotec will not be liable for any installation costs or lost revenues in the event a compatibility problem will occur.

ENVIRONMENT

- Indoor
- Operating temperature: 0°-45°C (32°-113°F)

COMPLIANCE TO

- CE in compliance with EN50081-1, EN50130-4, EN60950, EN55022 Class B
- FCC in compliance with Part. 15 Class B

Unit Weight (kg / lb):	*Package Weight (kg / lb):*	*Package Dimensions (cm / in):*	*Master Carton (units):*
DCK: 1,3 / 2.9	**DCK**: 1,75 / 3.8	**DCK**: 24x14,5x41 / 9.4x5.7x16	**DCK**:

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COMPANY CERTIFICATE ISO 9001:2000

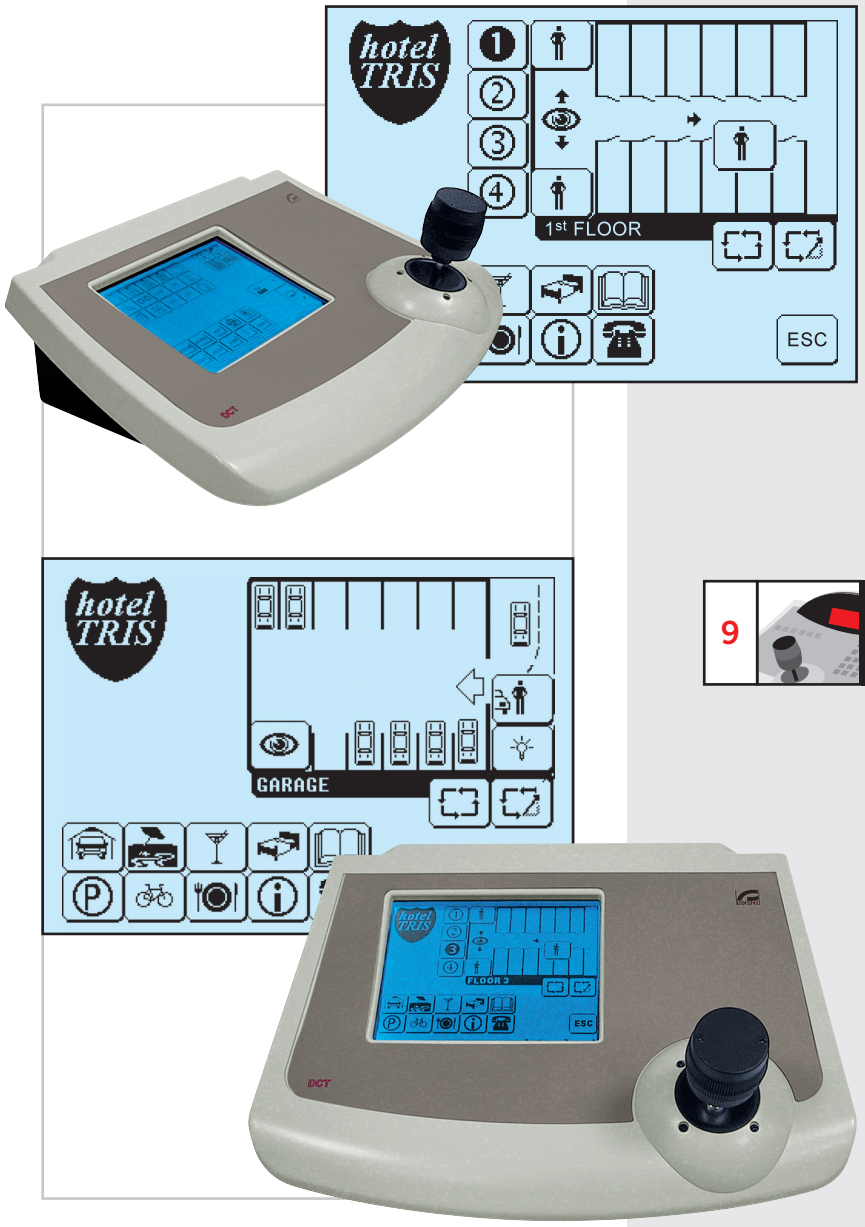
TÜV NORD CERT

DCT VIDEO AND TELEMETRY VIRTUAL CONTROL KEYBOARD

The DCT represents the top of the line keyboard for performance and ergonomic design.
A back-lit graphic display with touch-screen helps the operator during all the control functions. It is possible to customize up to 30 user maps (graphic user interface), associating up to 40 keys (macro-command) for each map.*
The image at start-up and service pages can be customized as well.
An easy PC graphic user interface allows you to design these maps and they can be simply uploaded on the keyboard through RS232 serial connection. The same connection allows the keyboard set-up and firmware update.
If the maps (graphic user interface) are not used, the touch-screen keyboard can be customized due to 20 macro-function keys.
For example, the remote control of the multiplexer SP16C by DCT is extremely easy because the same key symbols of mux functions can be reproduced on the touch-screen.
Furthermore the DCT is supplied with 4 languages menu with the possibility of upgrading it up to 12 languages with handling by the programmer.
The microprocessor controlled DCT allows you to interface and control SM42A-82A, SM84A-164A and SW328 matrix, and the multiplexer SP16C.
The operator can set up, through the video menu, the SM42A-82A, SM84A-164A matrix. The DCT allows the control of the following functions of the SW328 matrix: video switching, sequences and alarm reset.
Furthermore, the touch-screen keyboard allow control up to 999 telemetry receivers, the preset and patrol functions together the DTRX3 or DTRXDC receivers.
The three axis joystick allows a simple manual control and gives the possibility of controlling variable speed Pan & Tilt, and to interface the most common high speed domes.
The management of every controlled device, from matrix to mux and DVR, from the telemetry receiver to speed domes, is far easier because only the existing device functions are enabled.
Three serial RS485 communication lines: one to the video matrix and multiplexer, two for the management of two independent telemetry lines.

**: more functions associated to the same key (for example: camera selection and scan command at the position 2)*

- **Microprocessor controlled**
- **Virtual keyboard with configurable graphic-screen display**
- **RS485 communication**
- **Ergonomic design**
- **Telemetry controlled by joystick**

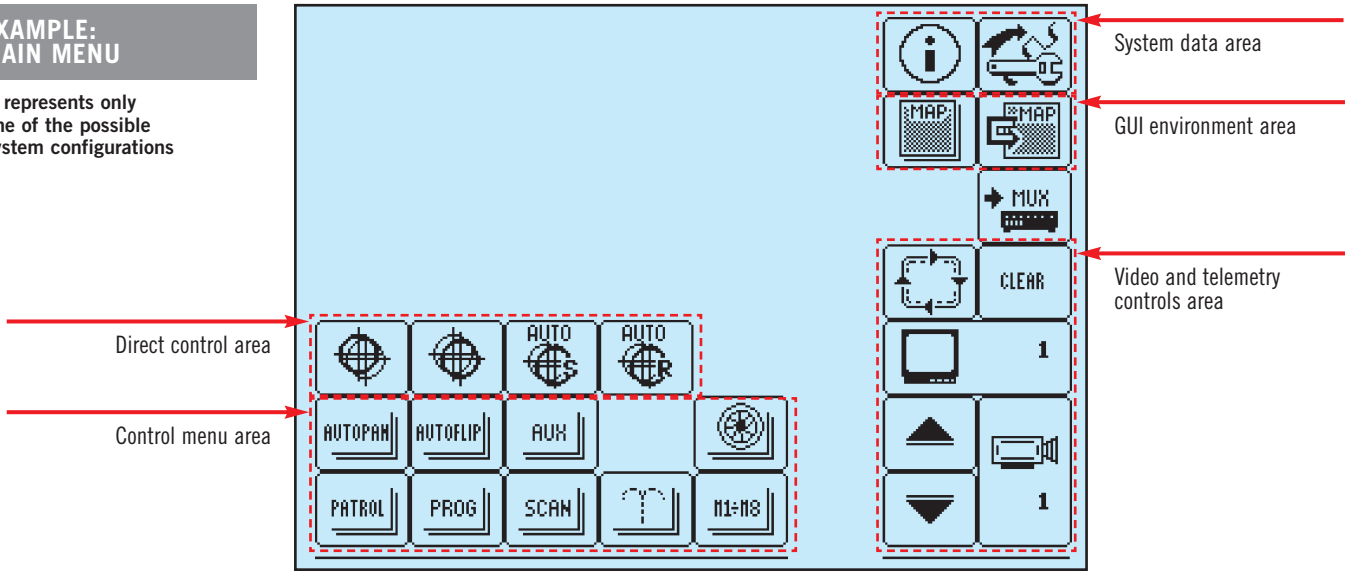


MODELS	
DCT	Matrix, mux and telemetry virtual touch screen control keyboard

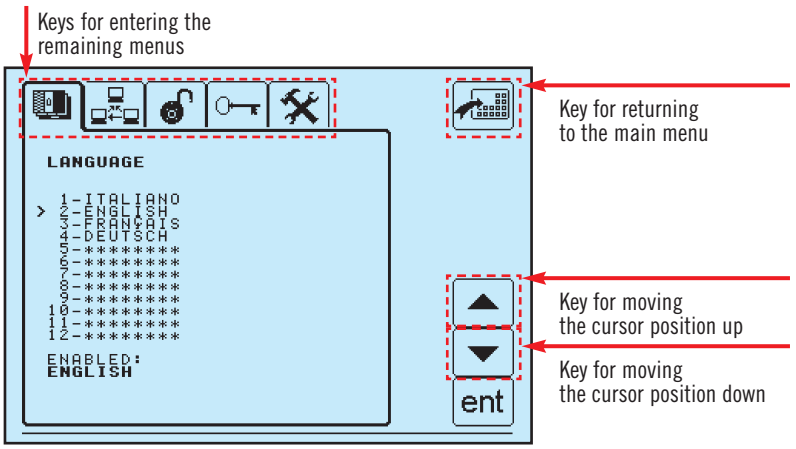
KEYBOARD SETUP

EXAMPLE: MAIN MENU

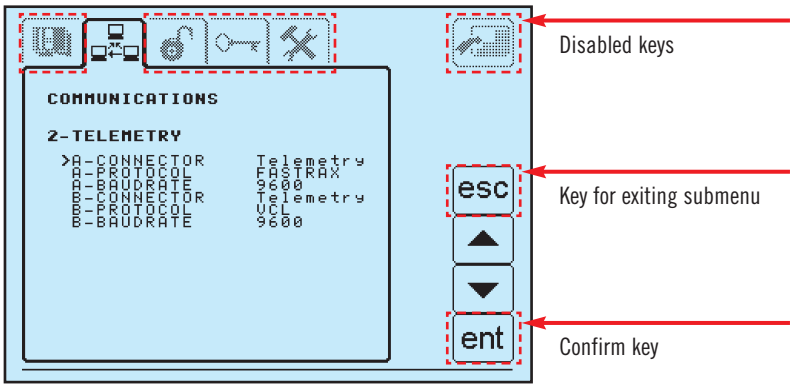
It represents only one of the possible system configurations



EXAMPLE: LANGUAGE MENU



EXAMPLE: COMMUNICATION/TELEMETRY SUBMENU



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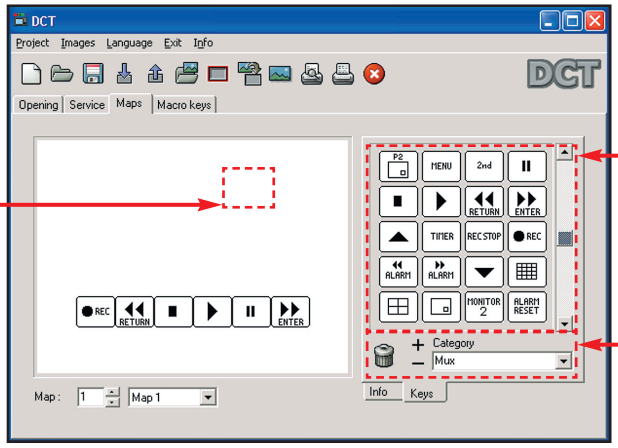
GRAPHIC USER INTERFACE (GUI) SETUP FROM PC

The customization of the keyboard is extremely easy due to the PC software. The software allows you to import maps, images, icons libraries and to easily implement the keys. Management up to 30 Graphic User Interface.

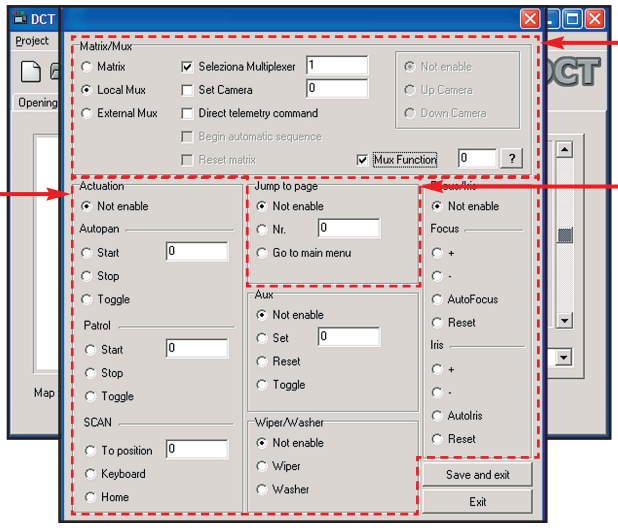


Easy drag and drop icon import

MUX icons library

Selection of libraries

At every key multiple functions can be assigned in order to control video and telemetry devices (even combined).

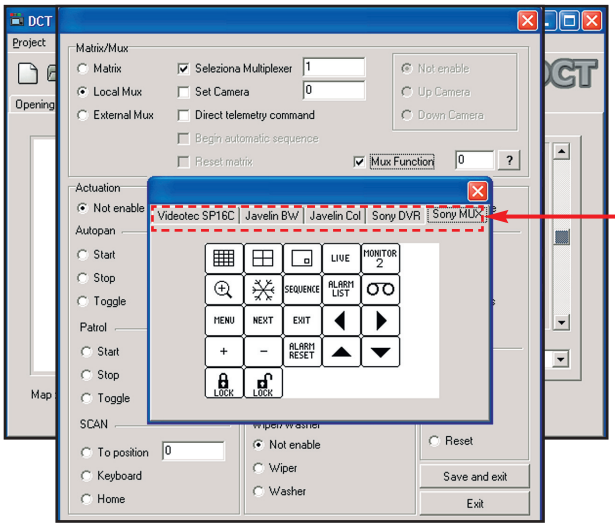


Video serial line commands setup

Serial telemetry lines command setup

Skip pages

Specific keys for control of different MUX and DVR's allow you to easily select the required functions. Choosing the device, the available functions will be shown with the graphic format of the device itself.



Easy selection of the device and of the enabled functions

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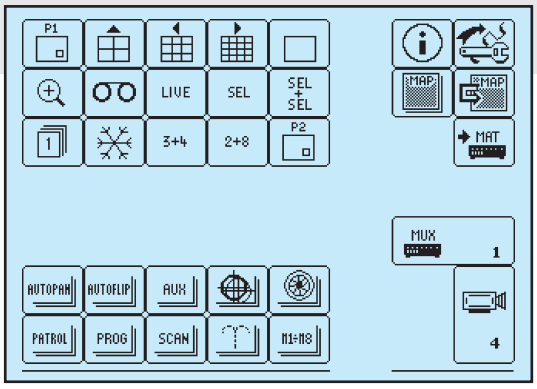
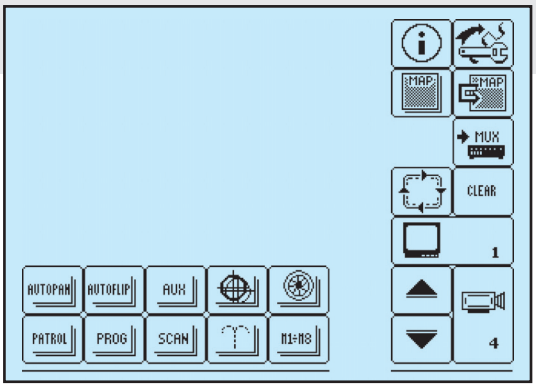
DCT

VIDEO AND TELEMETRY VIRTUAL TOUCH-SCREEN CONTROL KEYBOARD



Example of screen layout for multiplexer and telemetry control



Example of screen layout for matrix and telemetry control

TECHNICAL DATA

GENERAL

- Joystick for Pan/Tilt/Zoom control
- Graphic display 320x240 pixel back-lit by white LED
- Ergonomic design
- Menu in 4 languages (italian, english, french and german) expandable to 12 (management by the programmer)
- Three password levels: connection, set-up, alarm reset
- Customization up to 30 user maps and ability to set-up up to 40 keys (macro-command) for each map
- 20 functions keys (macro-command) freely configurable
- 1000 cameras, 999 telemetry receivers, 99 monitors
- Alarm and/or breaks-ins communication buzzer
- Supplied with: instruction manual, wide range power supply, 3 power cables, 6 telephone cables, 6 shunt boxes RJ jack and applications for the management of the keyboard on PC

MECHANICAL

- Thermo-resistant and shock proof ABS material
- Dimensions: 298x107x210 mm LxWxH (11.7x4.2x8.2 in)
- 3 axis proportional joystick
- Graphic display dimensions: 115x86 mm (4.5x3.4 in)
- 3 connettors RJ11
- Power supply jack connector
- DB9 connector
- Configuration Dip-Switch

ELECTRICAL

- Keyboard power: 12VDC
- Power supply kit: input 100-240V 47/63Hz 15W, output 12VDC 1A

COMMUNICATIONS

- Three RS485 lines for communication:
  - one direct line with video matrix and multiplexer controllable to a maximum of 1200 m (3900ft);
  - two lines for two independent telemetry daisy chain up 999 telemetry receivers for line controllable to a maximum of 1200 m (3900 ft)
- Serial connection RS232 to PC for graphic layout creation, keyboard set-up and firmware update controllable to a maximum of 15 m (49 ft)

RELATED PRODUCTS

Matrix:

Series SM (SM42A-82A, SM84A-164A);
SW328

Multiplexer:

SP16C

Telemetry receivers:

DTRXDC, DTRX3, DTMRX, MICRODEC485, on dedicated telemetry lines;
DTRX3+DTCOAX control through SM Matrix Series

Retrofit on discontinued products: contact Videotec for further specifications.

INTERFACE WITH OTHER PRODUCTS

- Direct control or control through matrix series SM of multiplexer Javelin colour or B/W
- Direct control of multiplexers: Ademco AXMD16EX, AXCD16E and AXCD16EX, Sanyo MPX-CD93P and MPX-CD163P, Sony YS-DX516P
- Direct control of DVR: Ademco DVR AHDR4, AHDR9 and AHDR16, Sanyo DSR3016P, DSR3016P and DSR3016P and DSR 3000P, Sony HSR-X209P and HSR-X216P
- Speed Dome control:
  Dome Elbex EXC8000 (Instant Dome)
  Dome Elmo D7720B
  Dome Ernitec Saturn
  Dome Hitron Fastrax II
  Dome JVC TK-C675 and TK-C676
  Dome Panasonic WV-CS600 and Panasonic WV-CS850
  Dome Pelco Spectra e Spectra Lite (protocol Pelco D)
  Dome Samsung SCC641P and SCC643P
  Dome Santec
  Dome Sensormatic DeltaDome II
  Dome Star
  Dome VCL VC5S-ORBM

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Because DCT may be interfaced with equipment not manufactured by Videotec, it is possible that the interface protocols have changed or are in a different configuration from earlier tested units from us. Because Videotec recommends a bench test prior to installation, Videotec will not be liable for any installation costs or lost revenues in the event a compatibility problem will occur.

ENVIRONMENT

- Indoor
- Operating temperature: 0°-45°C (32°-113°F)

COMPLIANCE TO

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- FCC in compliance with Part. 15 Class B

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